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United States Patent [19]

Nenye et al.

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[45] Date of Patent: **Oct. 6, 1998

[54] SPIROMETRY TUBE AND CONNECTOR ASSEMBLY

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[73] Assignee: Instrumentarium Oy, Helsinki, Finland

[**] Term: 14 Years

[21] Appl. No.: 61,368

[22] Filed: Oct. 15, 1996

[30] Foreign Application Priority Data

Apr. 15, 1996	[FI]	Finland	96/270
Apr. 15, 1996	[FI]	Finland	96/271

[51] LOC (6) Cl. 24-01

[52] U.S. Cl. D24/164

[58] Field of Search D24/164; 128/202.27,
128/203.28, 204.18, 205.12, 205.15, 207.14,
203.12

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904928 12/1992 Finland .

Primary Examiner—Stella Reid

Attorney, Agent, or Firm—Andrus, Scales, Starke & Sawall

[57] CLAIM

We claim the ornamental design for spirometry tube and connector assembly, as shown.

DESCRIPTION

FIG. 1 is a perspective view from one side and above showing a spirometry tube and connector assembly incorporating one embodiment of the design of the present invention;

FIG. 2 is a view of one side of the spirometer tube and connector assembly;

FIG. 3 is a view of one end of the spirometry tube and connector assembly;

FIG. 4 is a view of the other end of the spirometry and connector assembly;

FIG. 5 is a view of the other side of the spirometry tube and connector assembly;

FIG. 6 is a top view of the spirometry tube and connector assembly;

FIG. 7 is a bottom view of the spirometry tube and connector assembly;

FIG. 8 is a perspective view from one side and above showing a spirometry tube and connector assembly incorporating another embodiment of the design of the present invention;

FIG. 9 is a view of one side of the spirometry tube and connector assembly;

FIG. 10 is a view one end of the spirometry tube and connector assembly;

FIG. 11 is a view of the other end of the spirometry tube and connector assembly;

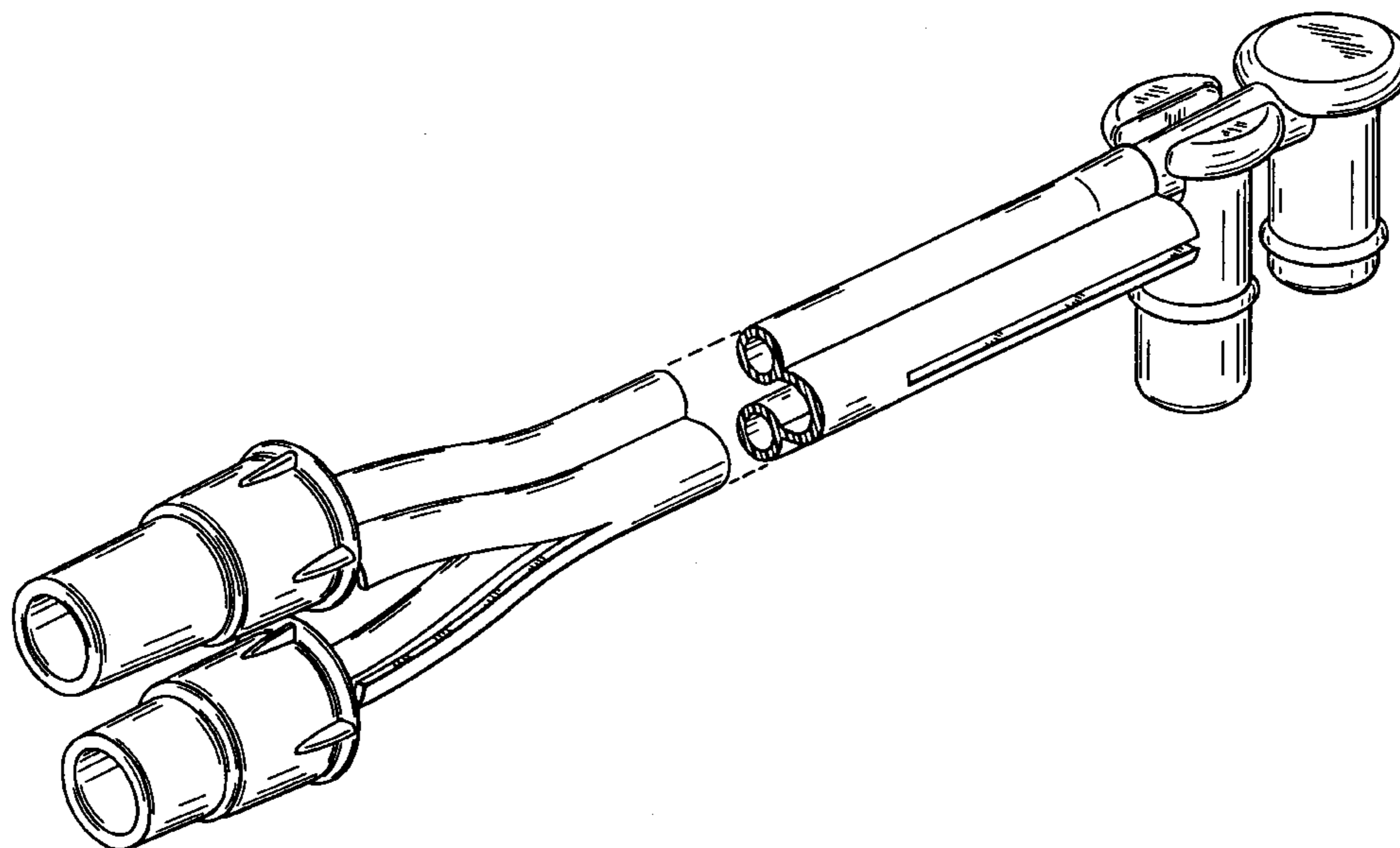
FIG. 12 is a view of the other side of the spirometry tube and connector assembly;

FIG. 13 is a top view of the spirometry tube and connector assembly; and,

FIG. 14 is a bottom view of the spirometry tube and connector assembly.

FIGS. 1, 2, 5-9 and 12-14 have been shown broken away for ease of illustration and to show the indeterminate length of the article.

1 Claim, 8 Drawing Sheets



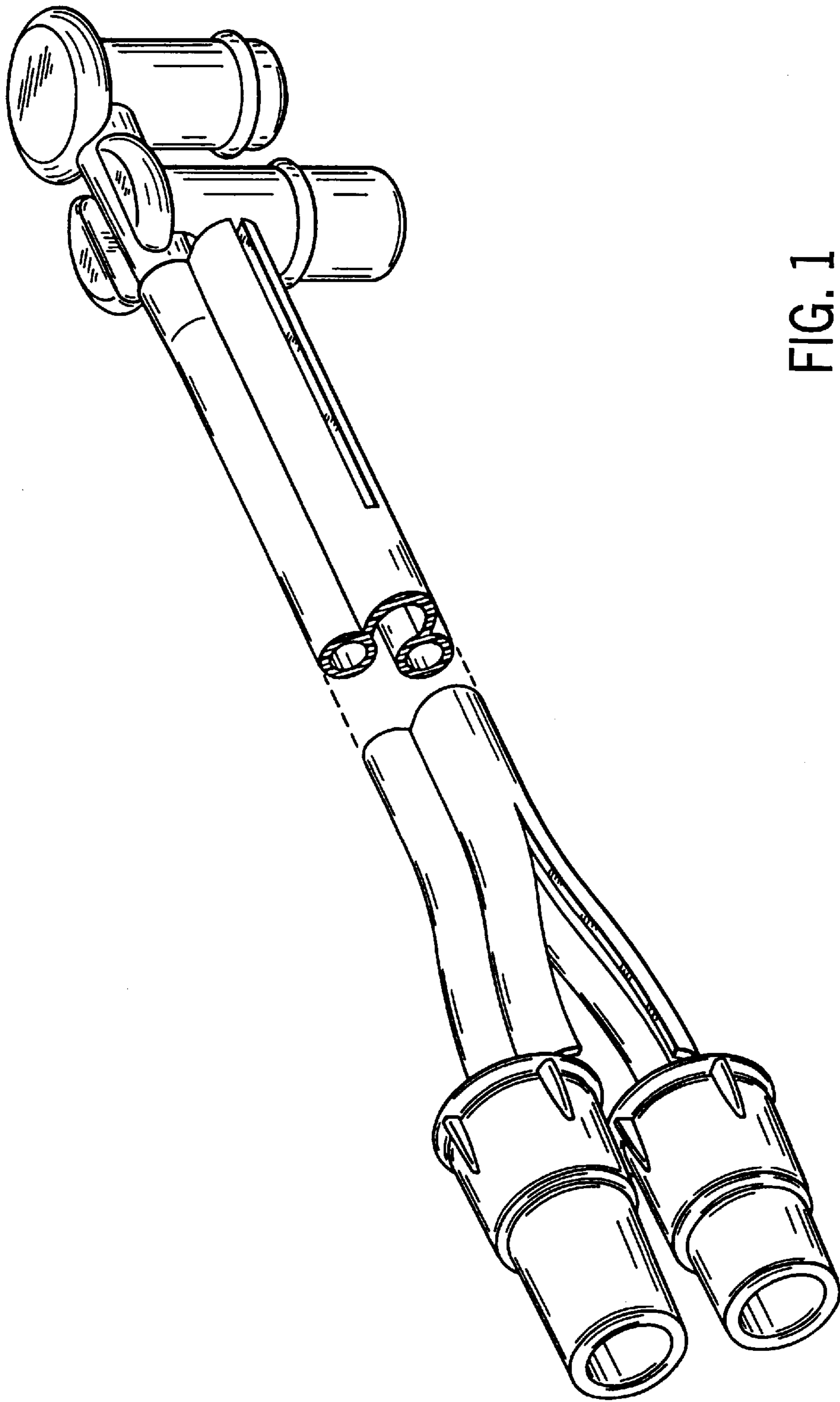


FIG. 1

FIG. 2

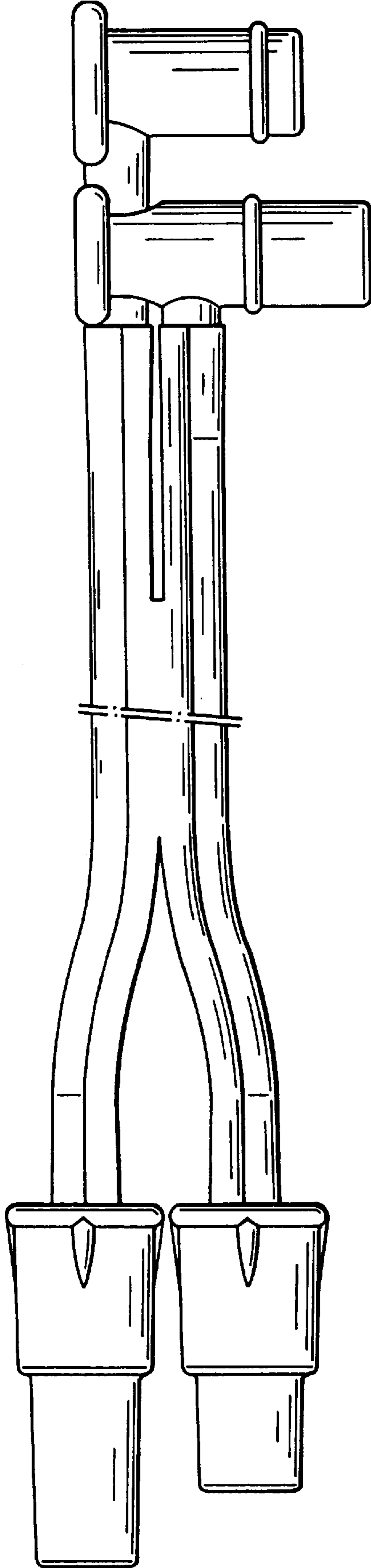


FIG. 4

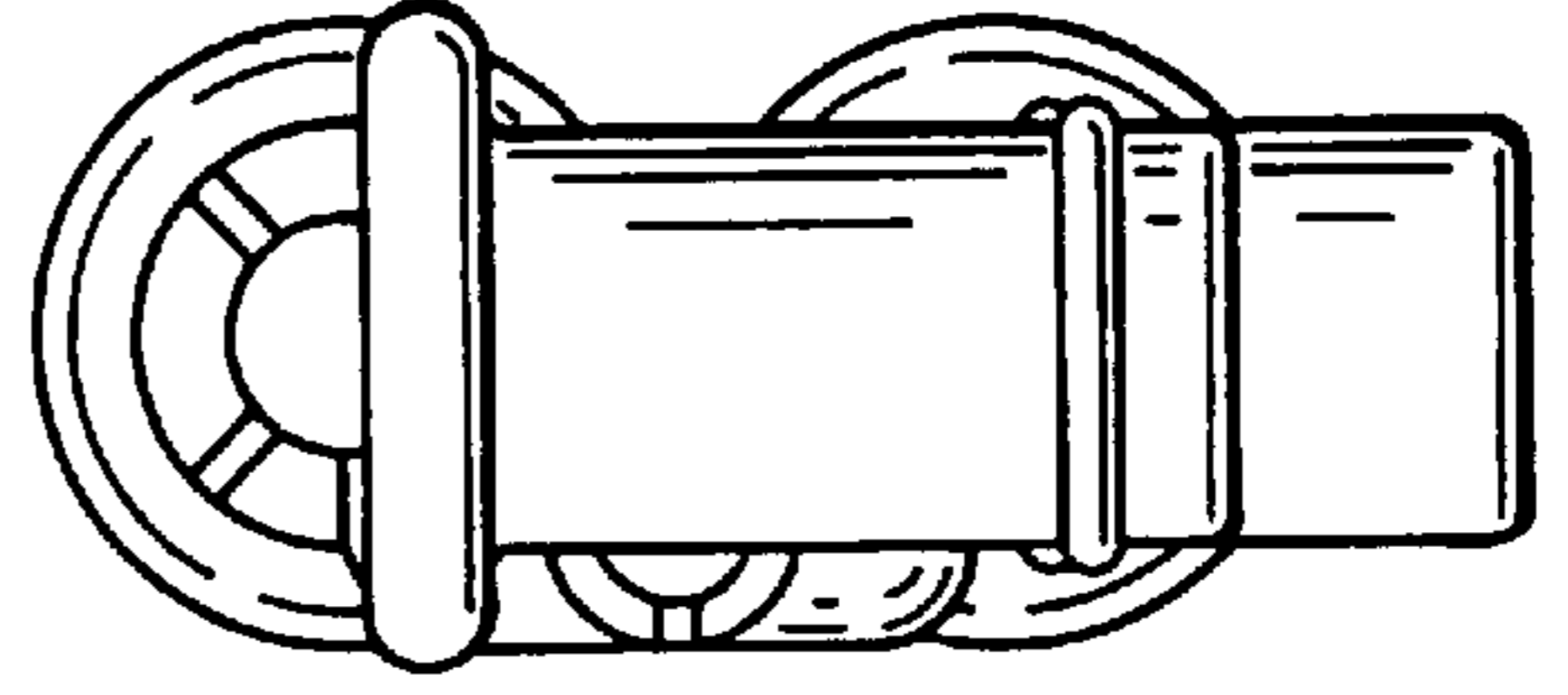


FIG. 3

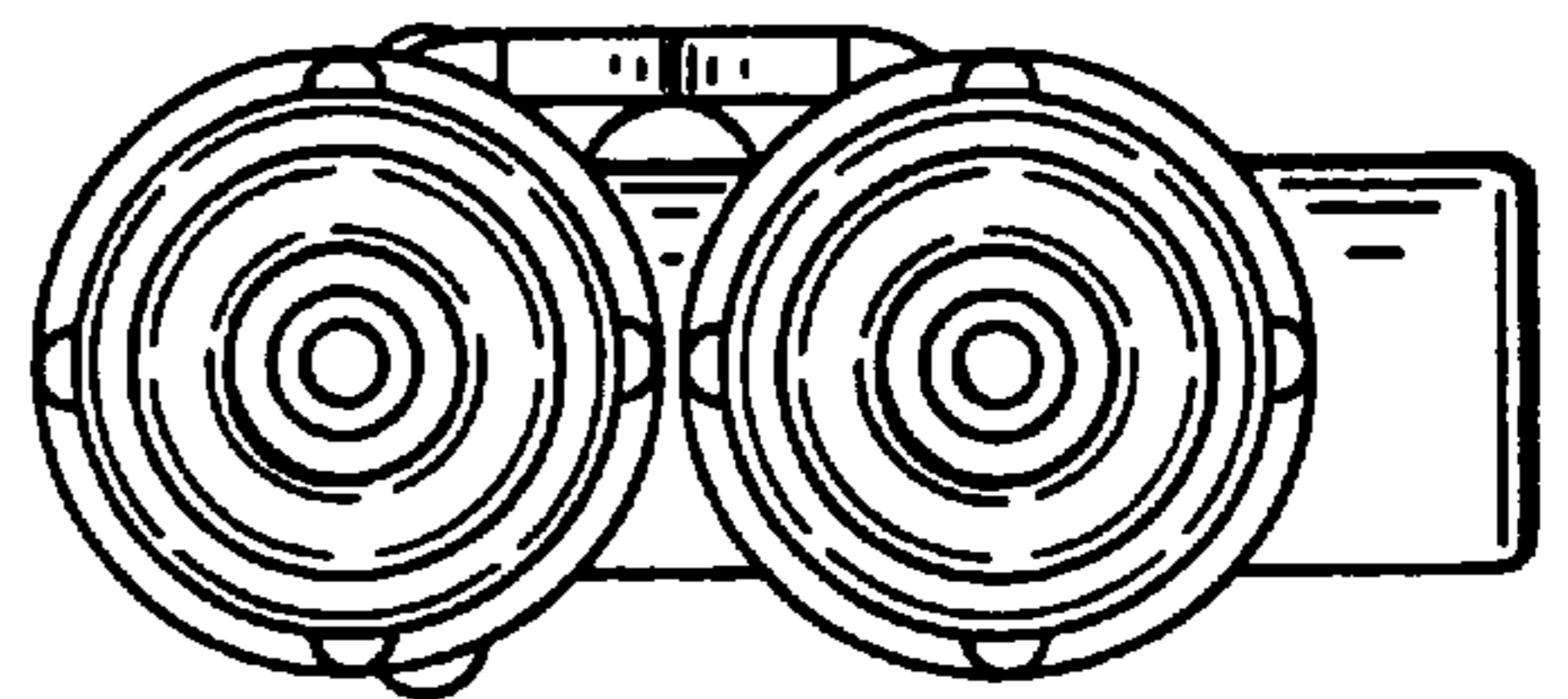


FIG. 5

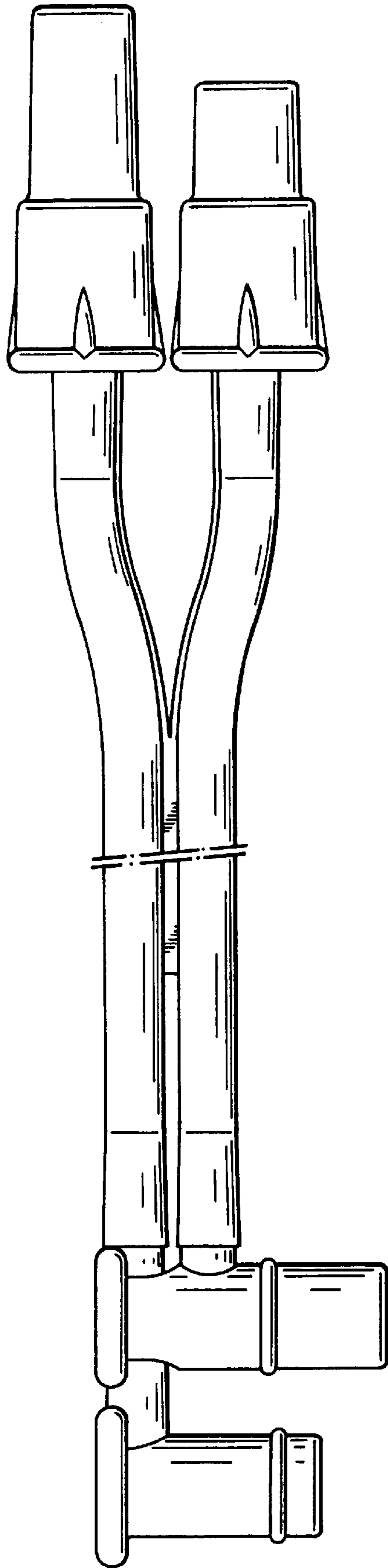


FIG. 6

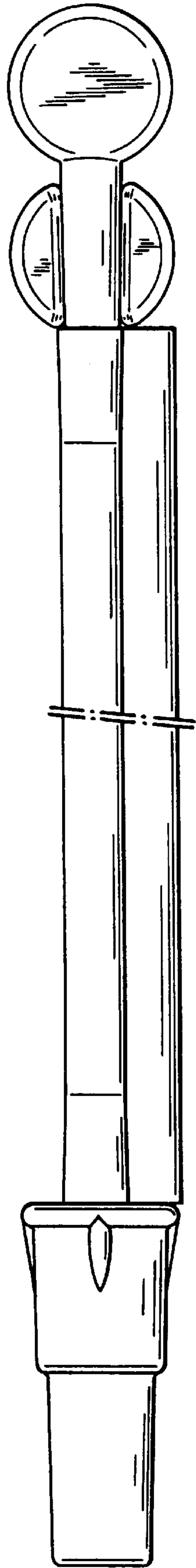
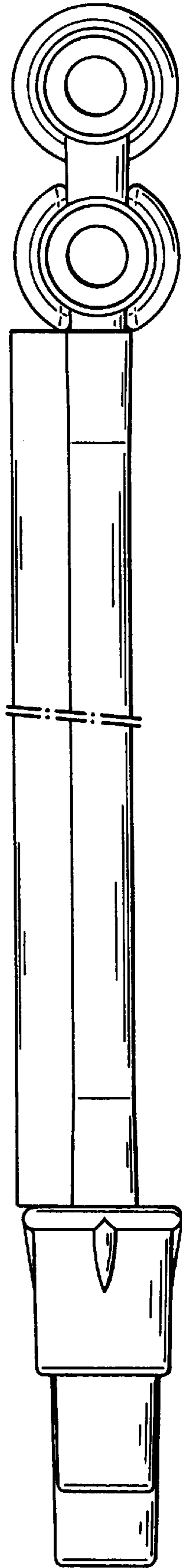


FIG. 7



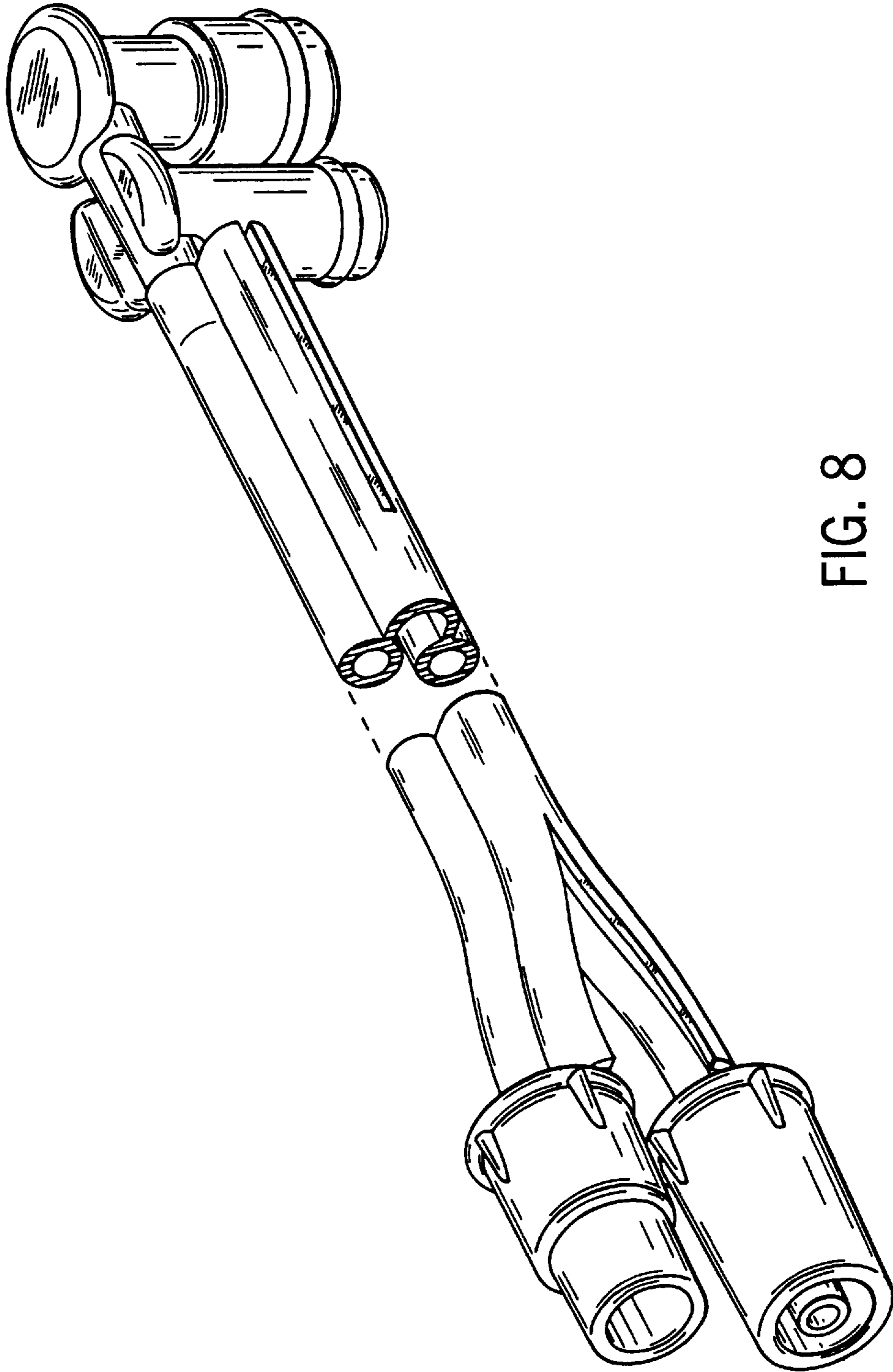


FIG. 8

FIG. 9

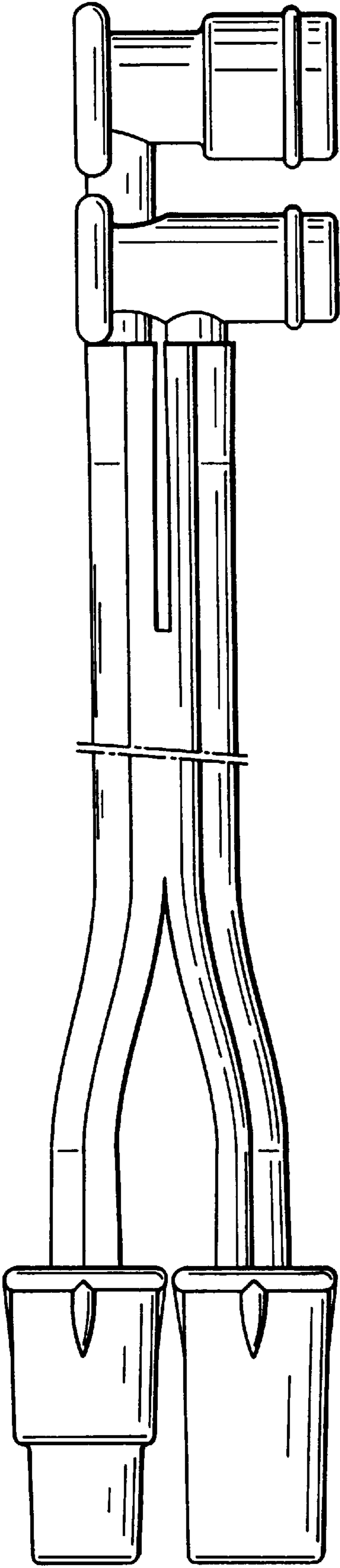


FIG. 10

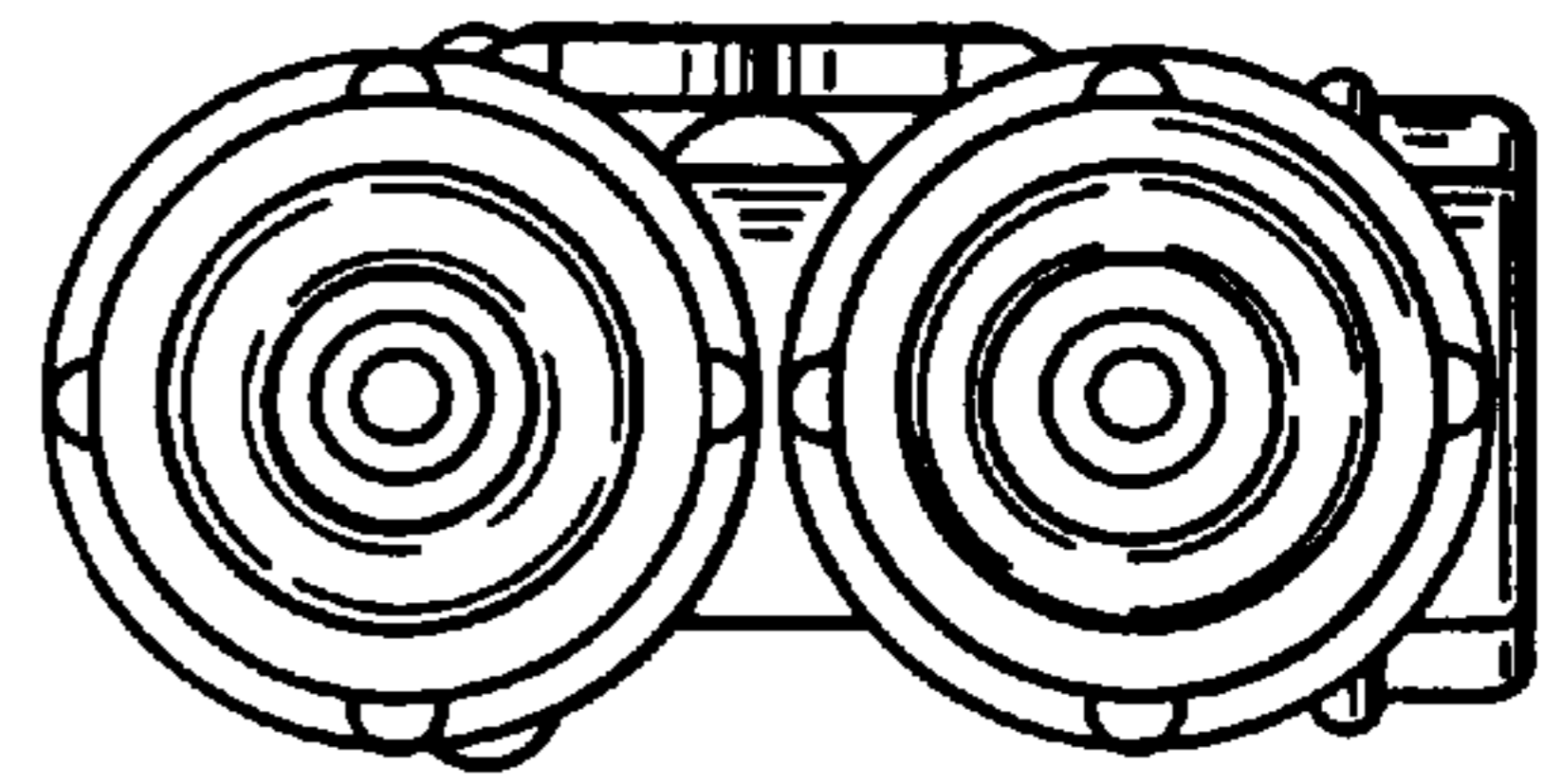
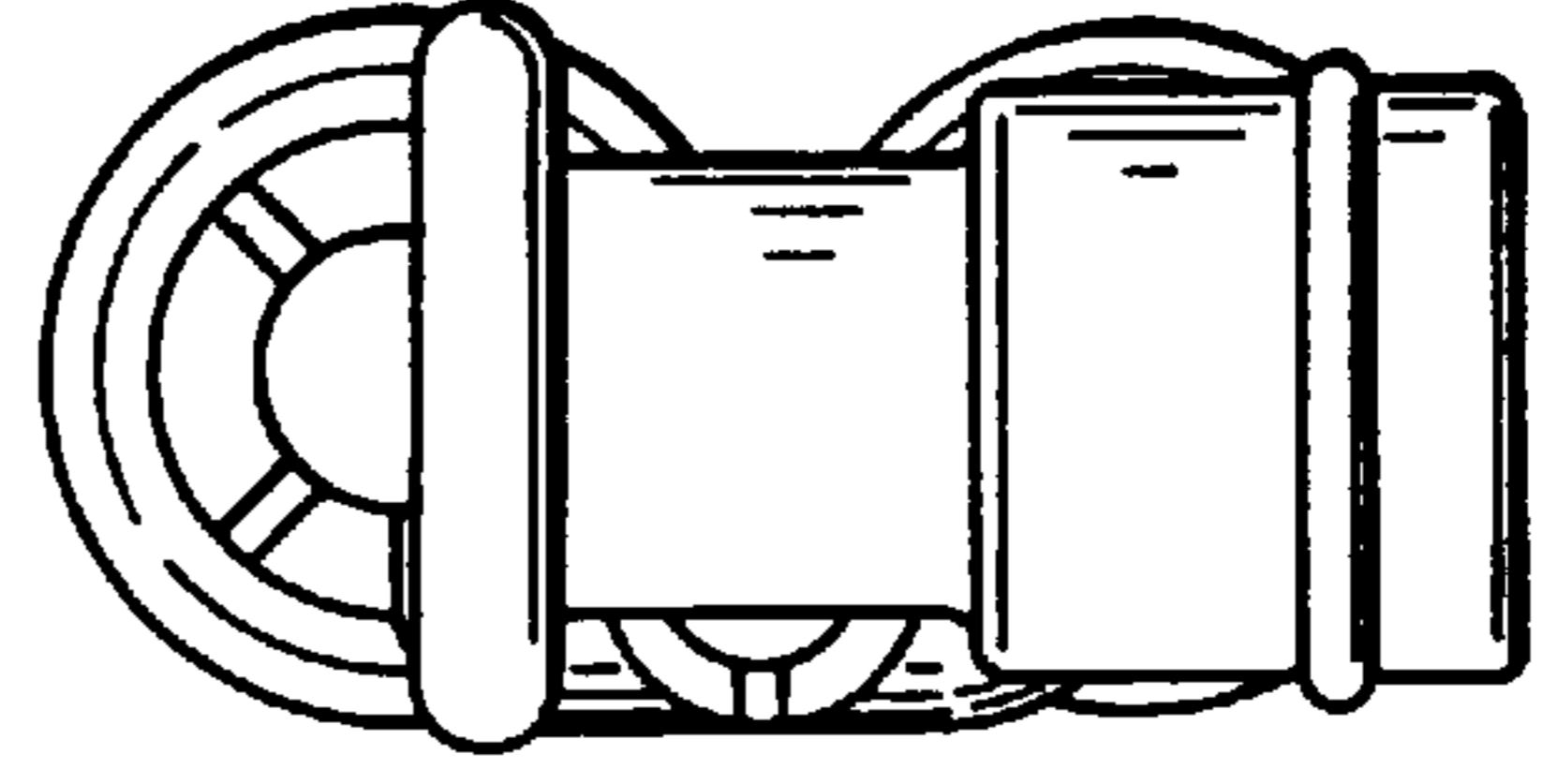


FIG. 11



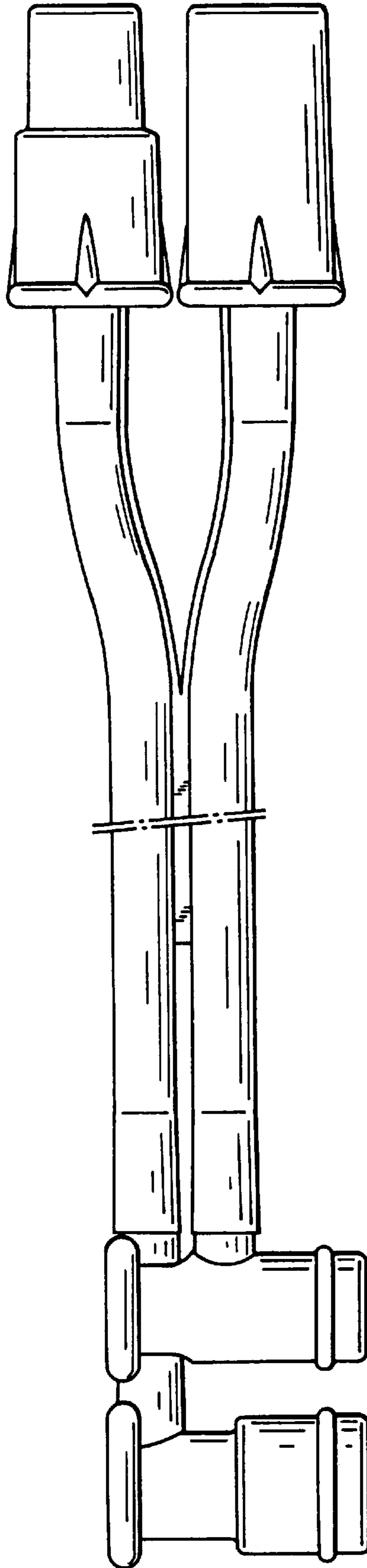


FIG. 12

FIG. 13

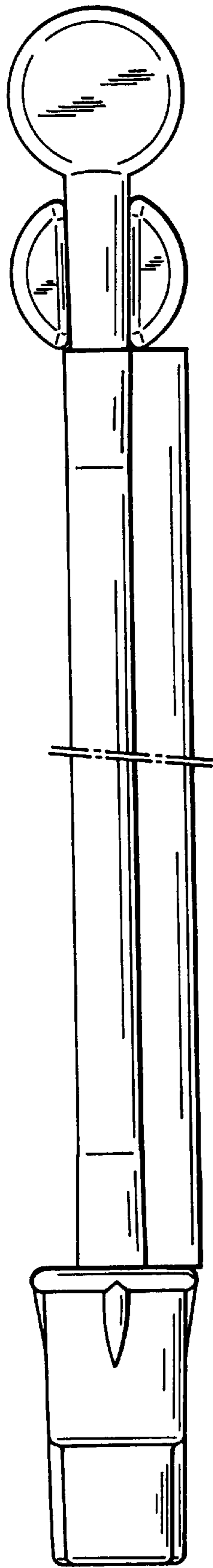


FIG. 14

